AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-27.   (Canceled)

28.   (Currently Amended) A method of setting brightness control codes of a display,

comprising:

driving the display;

sensing a brightness of the display;

adjusting the driving of the display until the display is driven at a predetermined

brightness ~~level~~ based on the sensed brightness; and

setting ~~a~~ an adjusted brightness control code corresponding to the predetermined

brightness ~~level~~ of the display, wherein the driving includes initially driving the display using a

brightness control code provided by a display manufacturer, and wherein setting the adjusted

brightness control code includes setting a new brightness control code ~~that replaces~~

corresponding to the predetermined brightness, the new brightness control code replacing the

brightness control code provided by the display manufacturer.

29.   (Canceled)

30. (Currently Amended) The method according to claim 28, wherein the driving, sensing, adjusting and setting are performed a plurality of times to set a plurality of different brightness control codes corresponding to a plurality of different predetermined ~~brightness levels~~ brightnesses.

31. (Previously Presented) The method according to claim 30, further comprising storing the plurality of brightness control codes in a memory of the display.

32. (Previously Presented) The method according to claim 30, further comprising storing the plurality of brightness control codes in at least one of a system BIOS, an operating system and a microcontroller of a computer system.

33. (Previously Presented) The method according to claim 30, wherein the setting comprises setting brightness control codes that indicate how to control an inverter that supplies power to the display.

34. (Previously Presented) The method according to claim 30, wherein the setting includes setting high temperature brightness control codes that provide information about how to control a brightness of the display when the display is operating at a high temperature.

35.   (Previously Presented) The method according to claim 28, wherein the adjusting

comprises changing a signal applied to an inverter that supplies power to the display to adjust a

brightness of the display.

36.   (Currently Amended) A method of controlling a display, comprising:

      driving the display;

      sensing a brightness of the display;

      adjusting the driving of the display until the display is driven at a predetermined

brightness ~~level~~ based on a result of the sensed brightness;

      setting ~~a~~ an adjusted brightness control code corresponding to the predetermined

brightness ~~level~~;

      repeating the driving, sensing, adjusting and setting a plurality of times to set a

plurality of different brightness control codes corresponding to a plurality of different

predetermined ~~brightness levels~~ brightnesses of the display; and

      using one of the brightness control codes corresponding to a desired brightness

level to drive the display at the desired brightness level.

37.   (Currently Amended) The method according to claim 36, wherein the using

comprises using a brightness control code corresponding to the desired brightness level to

control an inverter that supplies power to the display.

38.   (Currently Amended) The method according to claim 36, wherein the brightness control codes are set after the display is driven at the predetermined brightness~~level~~.

39.   (Currently Amended) The method according to claim 36, wherein the <u>plurality of different</u> brightness control codes are provided in an EDID format.

40.   (Currently Amended) The method according to claim 28, wherein the <u>new</u> brightness control ~~codes are~~ <u>code is</u> provided in an EDID format.

41.   (Currently Amended) The method ~~of~~ <u>according to</u> claim 28, wherein setting the brightness control code occurs after adjusting the driving of the display.

42.-46. (Canceled)

47.   (Previously Presented) The method according to claim 28, wherein setting the new brightness control codes includes increasing by 1 the brightness control code provided by the display manufacturer.

48.   (Previously Presented) The method according to claim 28, wherein setting the new brightness control codes includes decreasing by 1 the brightness control code provided by the display manufacturer.

49.   (Currently Amended) The method according to claim 36, wherein setting the adjusted brightness control code includes by increasing or decreasing a previous brightness control code by 1.

50.   (New) The method according to claim 28, further comprising driving the display using the new brightness control code such that the display is driven at the predetermined brightness.